## **Volume Contents**

VOLUME1 NUMBER1 SE	PTEMBER	1989
Editorial G. C. FOX		1
Benchmarking the iPSC/2 Hypercube Multiprocessor L. BOMANS AND D. ROOSE	,	3
Multiprogramming a Distributed-memory Multiproc M. R. LEUZE, L. W. DOWDY AND K. H. PARK	essor	19
The Performance of a Distributed Combat Simulation Time Warp Operating System F. WIELAND, L. HAWLEY, A. FEINBERG, M. DI LORETO, J. RUFFLES, P. REIHER, B. BECKMAN, P. HONTALAS, S. AND D. JEFFERSON	L. BLUME,	35
Supersonic Fluid Flow in Parallel with an Unstructure R. D. WILLIAMS	red Mesh	51
Parallel Computing comes of Age: Supercomputer Le Computations at Caltech G. C. FOX	evel Parallel	63
Translating from PARLOG to Occam 2: a Methodolo R. B. SCOTT AND R. TREHAN	ogy	105
VOLUME1 NUMBER 2	DECEMBER	1989
Transputers for Industrial Applications P. VAN RENTERGHEM		13
Practical Experience of Run-time Link Reconfigu Multi-transputer Machine	iration in a	
P. JONES AND A. MURTA		17

Global Data and Control in Multicomputers: Operating System
Primitives and Experimentation with a Parallel Branch-andbound Algorithm
K. SCHWAN, B. BLAKE, W. BO AND J. GAWKOWSKI

191

Histogram Computation on Distributed Memory Architectures
D. C. GEROGIANNIS, S. C. ORPHANOUDAKIS AND S. L. JOHNSSON

219

Author Index

